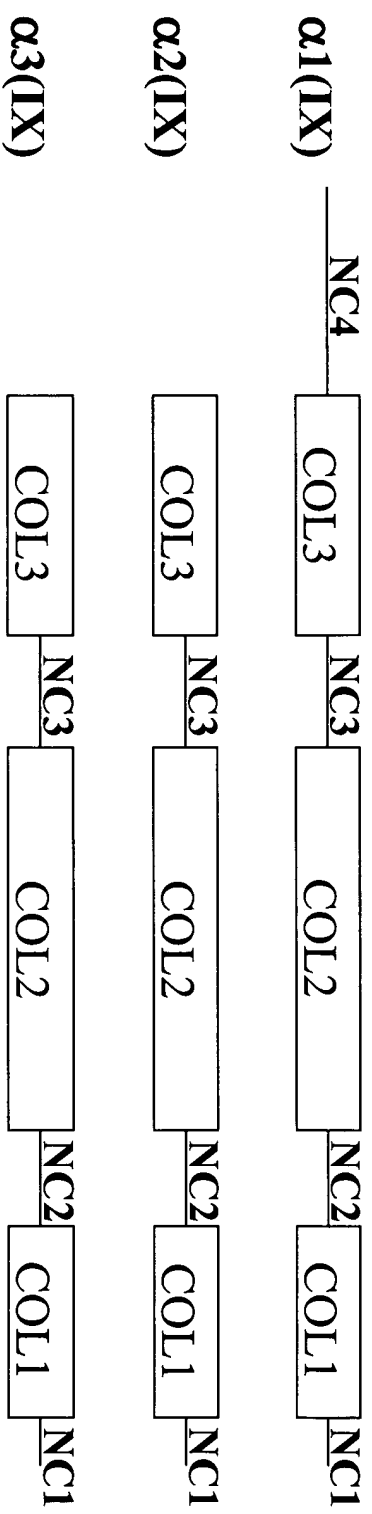


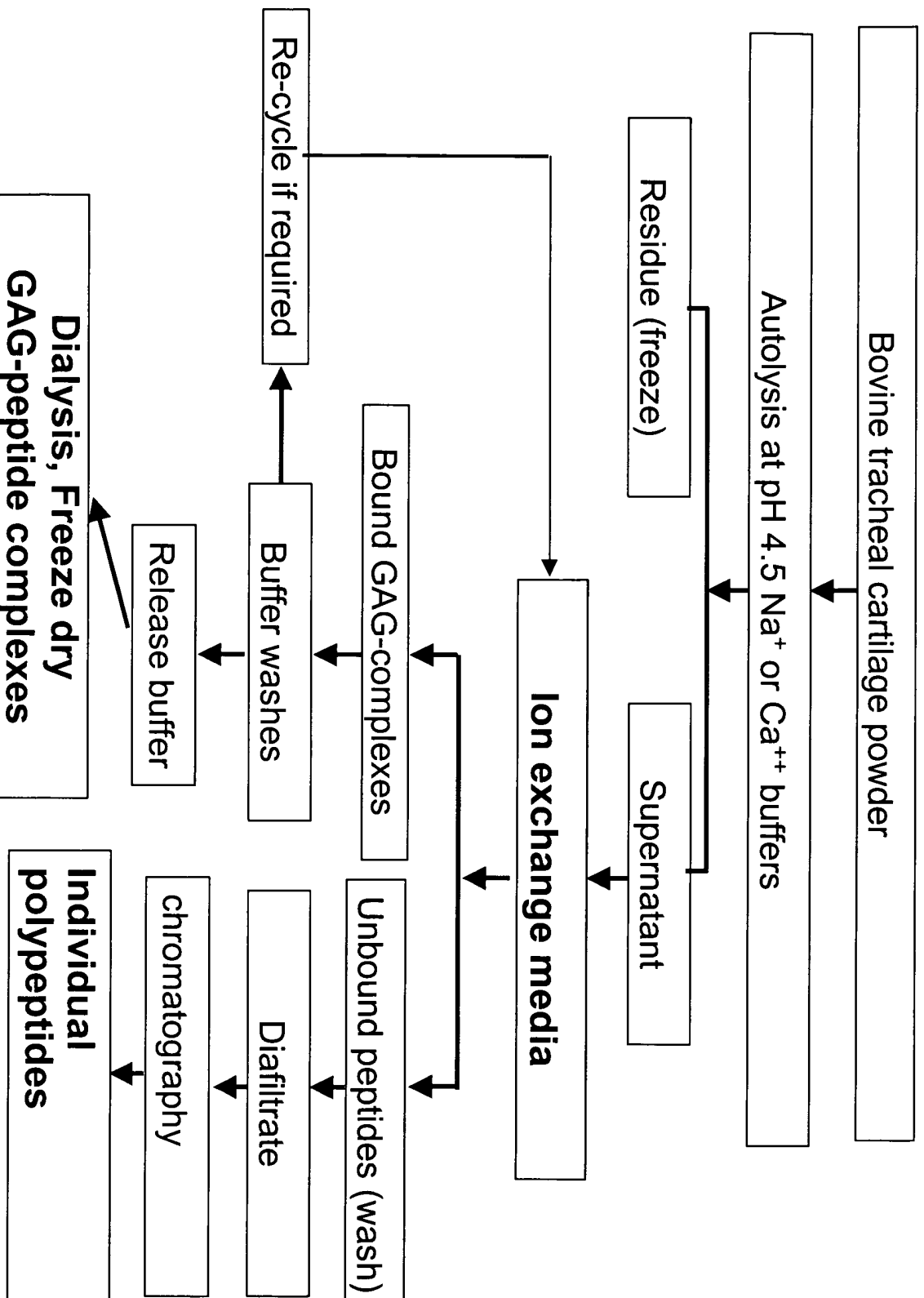
Figure 1

# Human type IX collagen molecule 3 $\alpha$



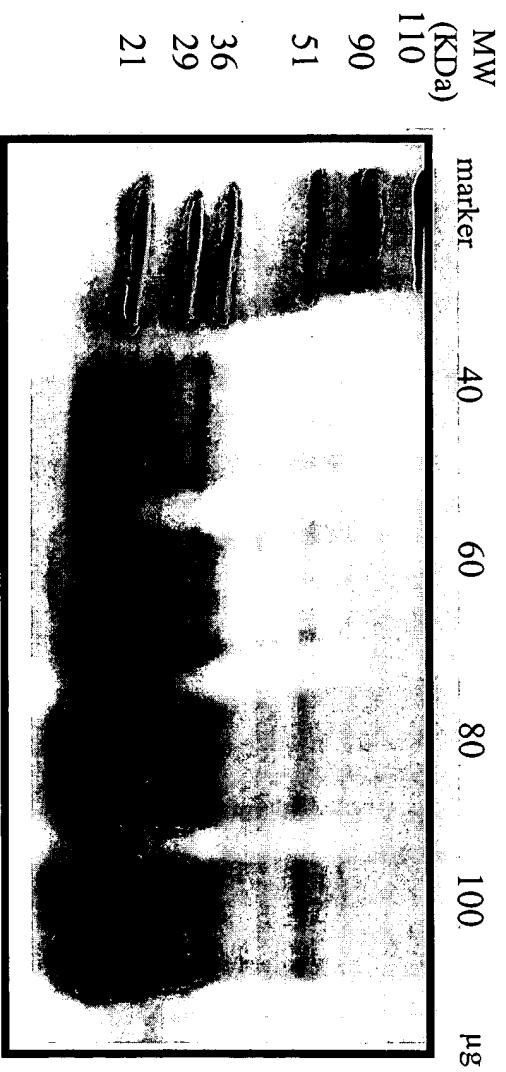
## Figure 2

### Fractionation of Peptacans into GAG-peptides and Polypeptides



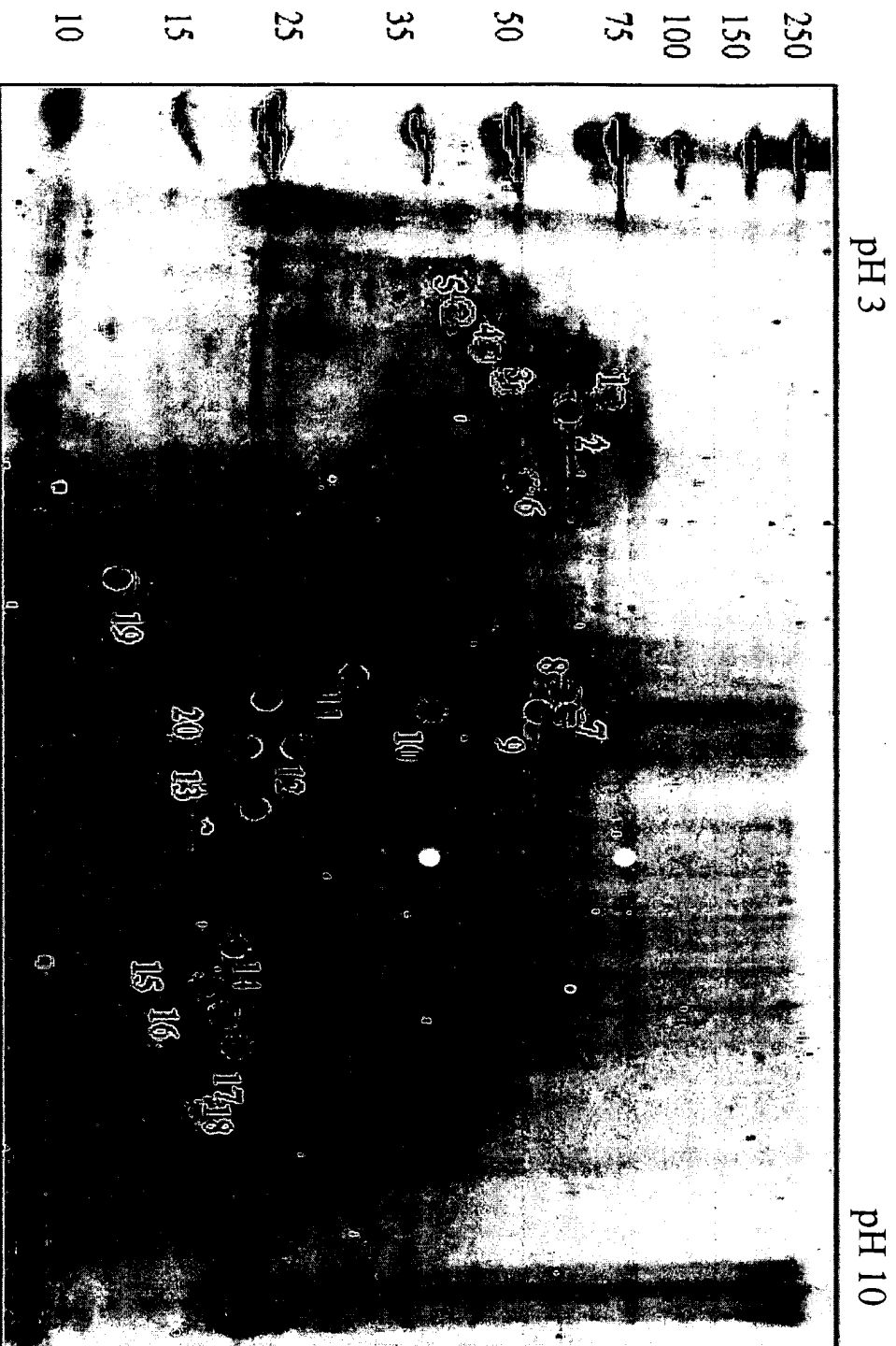
## Figure 3

SDS-PAGE of Proteins (polypeptides) Isolated from CaP



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Figure 4



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Figure 5

Evaluating polypeptides (PPs) and drugs

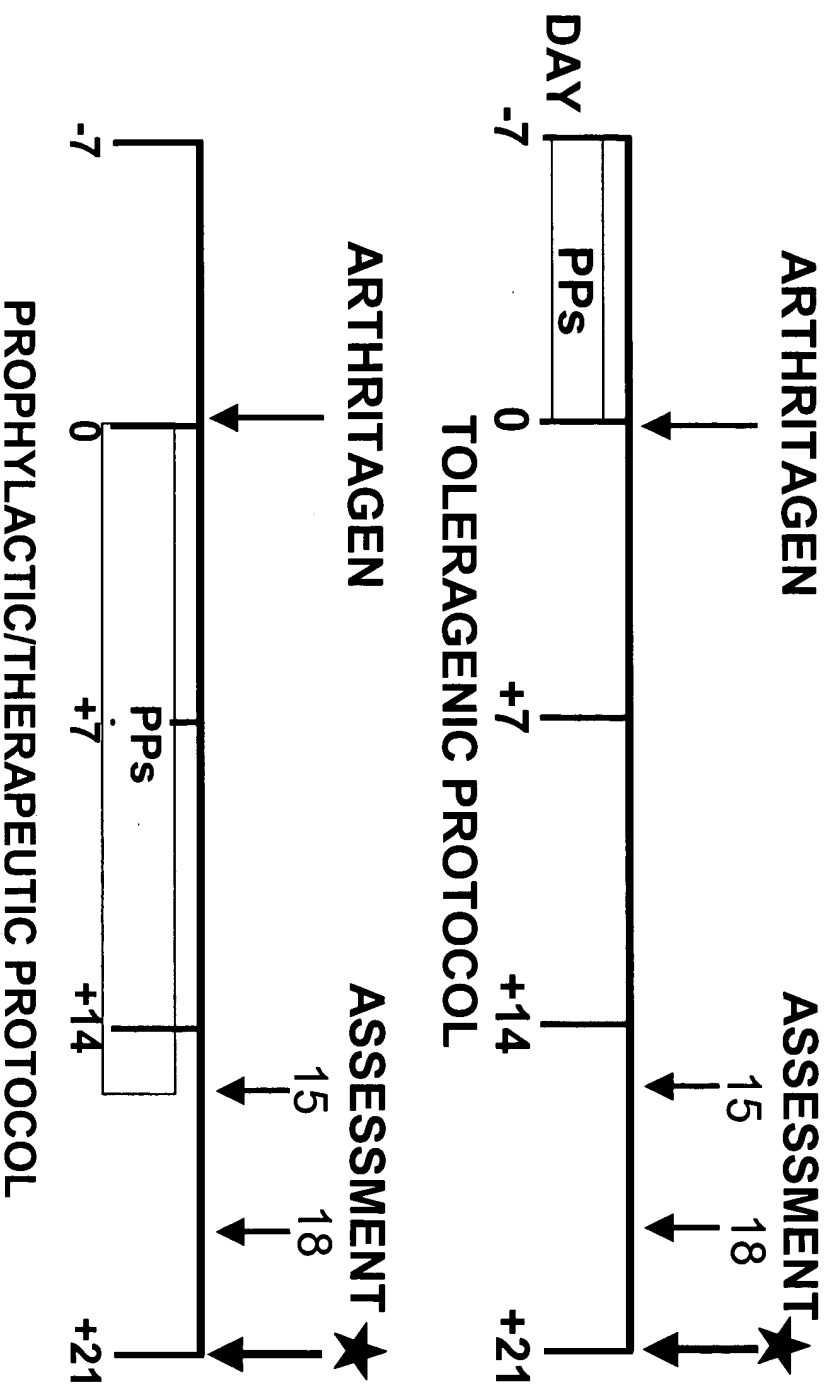


FIGURE 6

H&E. Mx50

Tol Blue. Mx100

Inventor: Peter GHOSH  
Docket No.: 10682.0010USWO  
Title: CONNECTIVE TISSUE DERIVED POLYPEPTIDES  
Attorney Name: Denise M. Keteiberger  
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Sheet 6 of 7

Paw joint from  
untreated rat  
CIA model  
showing  
massive  
inflammatory  
cell invasion of  
bone

Tol Blue. Mx50

Tol Blue. Mx50



Cartilage  
with destruction

Normal rat cartilage &  
bone of hind-paw joint

# FIGURE 7

**BEST AVAILABLE COPY**

Paw joint  
from rat CIA  
model  
treated with  
INR-195, 7  
days before  
inducing the  
arthritis  
(Tolerogenic  
protocol)

Paw joint  
from rat CIA  
model treated  
with INR-195,  
using the  
prophylactic  
protocol

H&E, Mx50

Tol Blue, Mx50



Normal rat  
cartilage &  
bone of hind-  
paw joint

Paw joint  
from rat CIA  
model treated  
with INR-126,  
7 days before  
inducing the  
arthritis

Tol Blue, Mx50

Tol Blue, Mx50